

PATENT ABSTRACTS OF JAPAN

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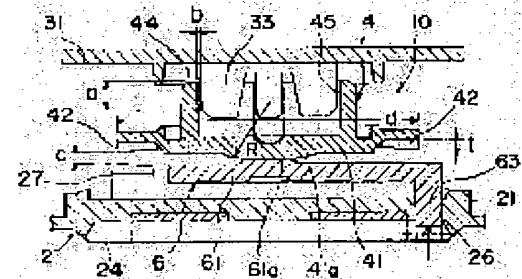
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(54) MAGNETIC TAPE CARTRIDGE

(57) Abstract:

PROBLEM TO BE SOLVED: To prevent contact between a stop gear and a locking projection caused by the inclination of the stop member of a reel rotation stopping means in a magnetic tape cartridge which rotatably houses in a cartridge case a single reel having a magnetic tape wound, which is provided with the reel rotation stopping means for setting a locked state for restricting the rotation of a reel in nonuse and for setting a released state from the locked state in use to permit the rotation of the reel and in which the reel rotation stopping means is provided with: the stop member moved to be brought into contact with/separated from the reel to restrict the rotation of the reel; a pressing means for pressing the stop member in a stopping



direction; and a releasing member rotated integrally with the reel, and moved according to the chucking operation of the rotary-driving means of a drive side to move the stop member in a releasing direction.

SOLUTION: When an engagement length between a stop member 4 and a support part 33 in a released state is (a), the gap between the stop member 4 and the support part 33 is (b), the distance of separation between a stop gear 42 and a lock tooth 29 is (c), and the outer diameter of the stop gear 42 is (d), a relation $b \leq (2 \times a \times c) / d$ is satisfied.

LEGAL STATUS

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